



3Dimension Projectors



D-73d Ultra

Specification	Detail
Projector Type	Texas Instruments Digital Light Processing™ (DLP) dual imaging system, SuperOnyx™ DMD™
Native Resolution	Full HD 1920 x 1080 (1080p)
Aspect Ratios	16:9, 4:3, Letterbox, VirtualWide, Cinema, VirtualCinema, Native
DTV Compatibility	See 3Dimension Processor
Picture Size (16:9 Screens) in 2D	Recommended Width: 72 - 132 in. Maximum Width: 200 in.
Picture Size (16:9 Screens) in 3D	Recommended Width: 72 - 100 in. Maximum Width: 120 in.
Processor	Runco 3Dimension Processor with ViVix IV™ technology and BRiC tool
Calibration	ISF Certified Calibration Configuration
12V Output	See DHD4 Specifications
Color Gamut	Fully adjustable, > BT.709 (REC709)
Video Standards	NTSC, PAL, SECAM, CEA-861D
Throw Distance	Ultra Lens: 2.52-4.0 (With CineWide Shasta: 1.89-3.01)
Horizontal & Vertical Offset	Vertical: Up to 35% of image height down or up from center of screen Horizontal: Up to 7% of image width left or right from center of screen
Light Output in High-Bright 2D mode	CSMS Specifications: Home Theater Calibration: 900 ANSI Lumens; 58 Foot-Lamberts (fL); 1400 ANSI Lumens (uncalibrated); Light output will drop less than 10% over the life of the product.
Light Output in 3D Mode	CSMS Specifications: Home Theater Calibration: 450 ANSI Lumens; 29 Foot-Lamberts (fL); 700 ANSI Lumens (uncalibrated); Light output will drop less than 10% over the life of the product.



Illumination System	InfiniLight™ LED (RGB) illumination system
Contrast Ratio	CSMS Contrast Ratio: 330:1 3 settings: Infinity:1, 20000:1, and 10000:1 (sequential). ColorContrast™ for up to 50% higher contrast by color.
Inputs	See 3Dimension Series specifications
Control	RS-232 and IR remote, as well as HDMI CEC and Ethernet
Color Space	135% NTSC color gamut in proprietary Runco Native mode with Runco Smart Color™ and Personal Color™
CineWide	CineWide™ and CineWide with AutoScope™ utilizing Shasta lens
Maintenance	Zero maintenance, solid state optical path (no lamps to replace)
Power Requirements	100 VAC to 240 VAC ± 10% @ 50/60Hz
Power Consumption	180-480 W typical (2W standby)
Operating Environments	Temperatures: 50-104 °F (10-40 °C), up to 7,500 feet altitude 10-95 °F (10-35 °C), 7,500 to 10,000 feet altitude Humidity: 10-80% humidity (non-condensing)
Dimensions	Width: 22.1 in. (561.34 mm) Depth: 25.94 in. (658.9 mm) Height: 16 in. (406.4 mm)
Weight	100 lbs. (45.36 kg) (without lens)
Warranty	Projector: (2) Two years parts and labor from the date of shipment from Runco. Extended RuncoCare™, Red Carpet™, and PremierCare™ also available.
3D Support	All HDMI 1.4a mandatory 3D formats are supported with included Runco 3Dimension Processing system
Regulatory Approvals	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required
Glasses	Ships with 4 adult-sized and 2 petite-size PreciseLight™ passive glasses

For more information visit www.Runco.com or call 800-237-8626 or +1-503-748-1100.

Specifications are subject to change without notice.

Specification Report Date: 12/7/2011



Video Processors



3Dimension Processor

Specification	Detail
Aspect Ratios	4:3, 16:9, Letterbox, VirtualWide™, Cinema, Virtual Cinema™, Native
Video Standards	HDMI and DVI with HDCP for digital video, Component and RGB HDTV (1080p, 1080i, 720p), Component and RGB EDTV (576p, 480p), Component and Composite SDTV (576i, 480i), RGB SCART with adaptor, NTSC (M, 4.43), PAL (B, G, H, I, N, M), SECAM (M)
Inputs	(4) HDMI 1.4 with CEC and Deep Color; (1) Component/SCART (3 x RCA); (2) Component/RGBHV (5 x BNC); (3) Composite
Outputs	(2) HDMI with Deep Color to displays; (1) HDMI with Deep Color to second display or audio processor
Display Communication	(2) RJ11 for serial display control
Communication Control Ports	(1) USB (type B female) for firmware upgrade; (1) RS-232 (female DB9) for serial commands; (1) RS-232 (male DB9) for accessories; (1) 3.5mm wired IR input for Nilès/Xantech-compatible IR systems; Discrete infrared remote; Front panel vacuum fluorescent display and keypad; dual imager management
Operating Environments	Temperature: 50-104 °F (10-40 °C) Humidity: 0-85% humidity (non-condensing) Altitude: Up to 10,000'
Power Requirements	100 - 240V AC (auto-sensing), 50/60 Hz, 35 watts (typical)
Ethernet Communication	(1) RJ45 (female) for web server, e-mail, auto firmware upgrade and Telnet
Dimensions	3Dimension Processor + DHD4 = 3-part, 6U solution necessary to produce amazing 3D for D-73d. Dimensions for each box (3 total): Width: 17.50 in. (444.5 mm) Depth: 11.19 in. (284.1 mm) Height: 3.75 in. (95.3 mm)
Weight	15.5 lbs. (7.0 kg)



Regulatory Approvals	cTUVus, FCC class B, CE, RoHS, China RoHS, WEEE, C-Tick, CCC, local conformances as required
Limited Warranty	(2) Two years parts and labor from the date of shipment from Runco
12V Output	(3) 3.5mm programmable, 250mA max each
Accessory Applications	Runco Firmware Upgrader, Runco BRiC (backup, restore, clone), CalMAN by SpectraCal for automatic calibration
3D Support	System includes demultiplexing algorithms for every required HDMI 1.4a 3D format, including frame-packed, maintaining optimal synchronization and stereo separation.

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